

EasyPlus mini
Self-Monitoring Blood Glucose System

User's Manual

**Please read this User's Manual thoroughly
before using your blood glucose meter.**

Dear EasyPlus mini SMBG System Owner,

Thank you for using the **EasyPlus mini** Self-Monitoring Blood Glucose (SMBG) System. We designed this system to be dependable, easy-to-use, compact, and lightweight and portable to help you monitor your blood glucose on a regular basis.

Please read this manual thoroughly before you begin testing. This manual provides you and your diabetes care team with important information and step-by-step direction to use the EasyPlus mini Self-Monitoring Blood Glucose System. To start testing quickly, you can also refer to the Quick Reference Guide.

Thanks again for choosing the EasyPlus mini SMBG.

Intended Use

The **EasyPlus mini Self Monitoring Blood Glucose Test System** is intended for in vitro diagnostic use (outside of body). It is indicated to be used by professional healthcare personnel or diabetics at home to measure the glucose concentration for aiding diabetes management. The glucose concentration is measured with quantitative capillary whole blood from the fingertip, palm and forearm by using EasyPlus mini Self Monitoring Blood Glucose Test System. This device is not intended for testing neonate blood samples.

Standard Accessories

Your new EasyPlus mini Blood Glucose meter and accessories work together to measure the amount of glucose in your blood. The system includes:

- Wallet
- User's Manual
- Self-Test Log Book
- Warranty Card
- EasyPlus mini Blood Glucose Meter
- Test Strip Instructions
- Lancing device
- EasyPlus mini Blood Glucose Test Strips (10 pcs)
- Check Strip
- Code Card
- Quick Reference Guide
- 2 Alkaline Batteries 1.5V (AAA)
- Lancets (10 pcs)

Optional Accessories

- EasyPlus mini Glucose Normal Control Solution

Why is it so important to test blood glucose regularly?

Testing your blood glucose regularly can make a big difference in how you manage your diabetes every day. We've made this SMBG system as simple as possible to help you use it regularly. Your meter is easy to use, and you can adjust the lancing device for your comfort.

Do you need Help?

If you have questions or need assistance, please call the Customer Care Service toll-free at 1-866-203-2761. You can also visit www.epsbio.com.tw for diabetes management tools and product demonstrations.

Please complete your warranty card and mail it, so you receive the best customer service possible and news about product update.

Note:

Although the EasyPlus mini SMBG System is easy to use, you may need to consult with your healthcare professional (this may be your doctor, pharmacist or diabetes nurse educator) for instructions on how to use the system. Only the correct use of the system will ensure accurate results.

Important Information About Your New Meter

- EasyPlus mini blood glucose meter is designed and approved for testing fresh capillary whole blood samples from your fingertip. The meter is for in vitro diagnostic use ONLY(for testing outside the body). It should not be used to diagnose diabetes.
- EasyPlus mini blood glucose meter can only be used with EasyPlus mini Blood Glucose Test Strips. Other test strips will give inaccurate results.
- Testing is not valid for neonatal blood specimens.
- Do not disassemble the meter as this may cause damage to the components resulting in incorrect readings. Disassembling the meter will also void the warranty.
- Always keep the meter clean and store it in a safe place. Protect the meter from direct sunlight to ensure a longer lifespan.
- You should not store the meter and test strips in a car, bathroom, or refrigerator.
- Keep the meter, test strips and lancing device away from children and pets.
- You should not test critically ill patients with home-use blood glucose meters.
- Incorrect results may occur when performing the test. If you believe you are not feeling well, please contact your healthcare professional.
- Remove batteries if the meter will not be used for one month or more.

- Warning for potential biohazard: Healthcare professionals using this system on multiple patients should be aware that all products or objects that come in contact with human blood, even after cleaning, should be handled as if capable of transmitting a viral disease.
- Consult with your healthcare professional before testing on your palm or forearm.
- Do not touch the strips with wet hands.
- Do not use expired strips (the expiration date is shown on the bottle.)
- Do not bend, cut or twist the strips.
- Altitude up to 6562 feet above sea level has no effect on readings.

Health-Related Information

- If you are experiencing dehydration, frequent urination, low blood pressure, shock or hyperosmolar hyperglycemic nonketotic coma (HHNK), you may get a test result that is lower than what your blood glucose really is. If you think you are dehydrated, call your doctor right away.
- If you have followed the steps in the user's manual, but still have symptoms that don't seem to match your test results, or if you have questions, please talk to your doctor.
- Please read your test strip instruction carefully for additional health-related information.

Warning for potential biohazard:

Healthcare professionals using this system on multiple patients should handle all products or objects in contact with human blood carefully to avoid transmitting viral disease, even after cleaning.

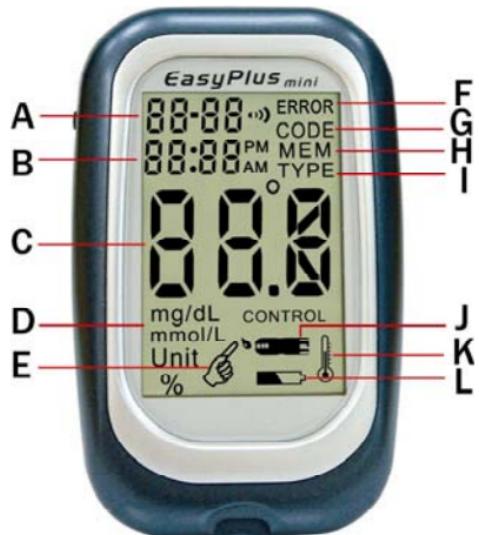
Table of Content

Chapter 1: Understanding Your Meter	10
The EasyPlus mini Blood Glucose Meter	10
Setting The Time And Date	12
Checking Your System	14
Coding Your Meter	15
Using EasyPlus mini Blood Glucose Test Strips	16
Chapter 2: Control Solution Test	17
Why Run A Control Solution Test	17
About The Control Solutions	18
Running A Control Solution Test	19
Understanding Control Test Results	22
Chapter 3: Testing Your Blood Glucose	24
Using The Lancing Device	24
Inserting A Lancet into the Lancing Device	25
Running A Blood Glucose Test With Blood From Your Fingertip	28
Alternative Site Testing	31
Running A Blood Glucose Test With Blood From Your Palm	33
Running A Blood Glucose Test With Blood From Your Forearm	35
Discarding Used Lancets	36
Expected Values	37

Unusual Test Results	37
Symptoms Of High Or Low Blood Glucose	38
Comparing Your Meter Result To Lab Results	39
Chapter 4: Meter Memory, Setup	40
Memory, Storing Test Results	40
Viewing & Deleting Test Results	41
Setting The Alarm	42
Chapter 5: Maintenance And Troubleshooting	45
Installing Batteries	45
Cleaning Your Meter	46
Maintenance And Testing	47
Cleaning Your Lancing Device	47
Screen Messages And Troubleshooting	48
Chapter 6: Technical Information	52
Specifications	52
Limitations.....	53
Device Information	55
Warranty	56

Chapter 1: Understanding Your Meter

The EasyPlus mini Blood Glucose Meter



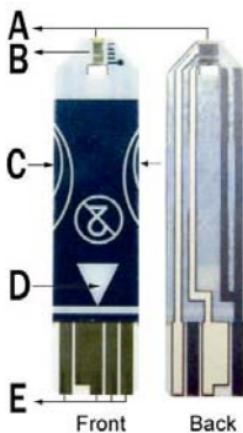
	The Overview of the Display	Meaning
A	Year, month and date	Show the moment of year, month and date.
B	Time	Show the moment of time.
C	Test result	Show your test result.
D	Glucose unit	The testing unit of blood glucose in USA is mg/dL.
E	Application of blood or Control Solution	You can test your level of blood glucose.
F	Error code	The meter system is in fault.
G	Code number	The number on the code card and vial.
H	Test records	The meter will memory automatically all of test results.
I	Transfer data to PC	The meter prepares to transfer your data of blood glucose into the computer.
J	Insert test strip	Insert the test strips to start testing blood glucose.
K	Thermometer	The thermometer icon appears, when the temperature is too high or too low.
L	Batteries status	When the battery symbol appears, prepare other batteries for installation.



The Overview of the Meter:

- A. Manufacturer information
- B. Smart Jog Wheel
- C. Serial number
- D. Display
- E. Anti-Slippery Pad
- F. Battery cover
- G. Strip slot

The Overview of the Jog Wheel:



The Overview of the Test Strip:

- A. Blood collection area
- B. Reaction area
- C. Holding area
- D. Strip insert direction
- E. Electrode

Setting The Time and Date—First Time Use

Setting the current time and date in your meter is important if you use the meter memory or if you want to download your results to a computer.



1. Press the wheel inwards until turning the meter on.
Press the wheel inwards and release to enter setting mode.

2. The last 2-digits of the year flash at the top left corner of the display. Push the wheel up or down to adjust the month. Push and hold the wheel to scroll the number faster.

3. Press inwards to confirm the setting. Push the wheel up or down to adjust the month. Push and hold the wheel to scroll the number faster.



4. Press inwards and release the wheel to set the month. The date will then flash. Repeat step 3 to set the date.

5. Press inwards and release the wheel to set the date. The colon will then flash. Push the wheel up or down to adjust AM / PM (12-hour clock) or 24-hour clock.

6. Repeat step 3 and 4 to set the hour and minute. The flashing field is the one you are currently setting.

Checking Your System

A new check strip is included with your meter.



1. Make sure your check strip is inserted. The meter will turn on automatically.

2. The screen displays "OK".

3. Remove the check strip and the meter will turn off automatically.
Store the check strip in a safe place.

Note:

When the display shows "FAL", re-insert the check strip. If FAL appears again, please call our Toll-Free number 1-866-203-2761.

Coding Your Meter

A new Code Card is inside each new box of test strips. Code your meter every time you open a new box of test strips.



1. The display will show "no CODE" the first time batteries are installed.
2. Insert the code card into the slot.
The screen displays "OK".
3. The code number will be shown on the display.
Make sure the code number on the display matches the code number on the test strip bottle.

Using EasyPlus mini Blood Glucose Test Strip

- Use only with EasyPlus mini Blood Glucose Meter.
- Code your meter and run a control test every time you open a new box of test strips (See Chapter 2 "Control Solution Testing.")
- Keep the test strips in their original bottle.
- Close the bottle tightly right away, after you take a test strip out. This keeps the test strips dry.
- Use the test strip within three minutes after taking it out of the bottle.
- The strip is for single use only. Do not reuse it.
- Record the date you open the test strip bottle. Be sure to check the expiration date on the test strip bottle. The test strip is good for three months from the date the bottle is opened or until the expiration date on the bottle, whichever comes first.
- Store the test strip bottle and your meter in a cool dry place.
- Store the test strips between 35.6°F ~86°F (2°C ~30°C). Do not freeze.
- Do not apply blood or control solution to the test strip before you insert it into the meter.
- Do not touch the test strip with wet hands. Do not bend, cut, or twist the test strips.

Chapter 2: Control Solution Testing

Why Run A Control Solution Test

Running a control test lets you know that your meter and test strips are working properly to give reliable results. You should run a control test when:

- You use the EasyPlus mini Blood Glucose Meter for the first time.
- You open a new bottle of test strips.
- You think the meter or test strips may be working incorrectly.
- You drop the meter.
- You have repeated a test and the test results are still lower or higher than expected.
- You are practicing the test procedure.

Note:

Professional users are instructed to follow federal, state, and local guidelines.

About The Control Solution

- Use only with EasyPlus mini test strips.
- Write the date you opened the bottle on the bottle label. The control solution is good for three months from the date the bottle is opened or until the expiration date on the bottle, whichever comes first.
- Do not use control solution that is past the expiration date.
- The control solution can stain clothing. If you spill it, wash your clothes with soap and water.
- Close the bottle tightly after every use.
- Left over control solution should not be added back into the control bottle.
- Store the bottle of control solution at room temperature, between 35.6°F ~86°F (2°C~30°C). Do not freeze.

Running A Control Solution Test

You need the meter, a test strip, and control solution



1. Put a test strip into the meter in the direction of the arrow. The meter turns on.
Make sure the code number on the display matches the code number on the test strip bottle.



2. If you can't see the code number, take the test strip out and reinsert it into the meter.
After the display shows the code number, you will see the screen shown above.



3. Place the meter on a flat surface, like a table.
4. Remove the control solution bottle cap and wipe the tip of the bottle with a tissue.



5. Squeeze the bottle until a tiny drop forms at the tip of the bottle. Touch the drop to the blood collection area at the end of the test strip.
Do not put Control Solution on top of the test strip.
When you hear the beeper, you have enough control solution in the test strip.
The meter starts to count down from 5 seconds and will show the results.



6. A result appears on the display.
Don't remove the test strip yet.
Check if the reading falls within the range
printed on the test strip bottle.



7. Remove the test strip and throw it away after
you have compared the reading to the range
printed on the test strip bottle.

Understanding Control Test Results

The label on your test strip bottle shows the acceptable ranges for the Control Solution. The result you get should be inside this range. Make sure you compare the result to the correct level of control.

Level	Acceptable Control Ranges	Target Values
Normal Control	96~144 mg/dL	120 mg/dL
High Control	280~420 mg/dL	350 mg/dL

When the control result is inside the range on the test strip bottle, your test strips and your meter is working properly.

If your control result is not inside the acceptable range (printed on your test strip bottle), here are some things you can do to solve the problem:

Note:

Control Solution values will be included in the memory and averages. Refer to the section “Viewing & Deleting Test Results” to delete the control solution values before averaging your test results.

Troubleshooting Checks

Action

✓ Was the test strip exposed to open air for a long period of time?	Repeat the control test with properly stored strips.
✓ Was the test strip bottle capped tightly?	This will humidify strips inside. Replace the test strips.
✓ Did the code number on the meter display match the code number on the test strip?	If they do not match, insert the correct code card in the meter and try again.
✓ Was the meter functioning well?	You can use the check strip to verify the meter's functions.
✓ Is the control solution expired or contaminated?	Replace with new control solution to check the performance of SMBG system.
✓ Were test strips and control solutions stored in cool, dry places?	Repeat the control test with properly stored strips or control solutions.
✓ Did you follow the testing steps properly?	Read Chapter 2 "Control Solution Testing" and test again. If you still have problems, call Consumer Services Toll-Free: 1-866-203-2761

Chapter 3: Testing Your Blood Glucose

Using The Lancing Device

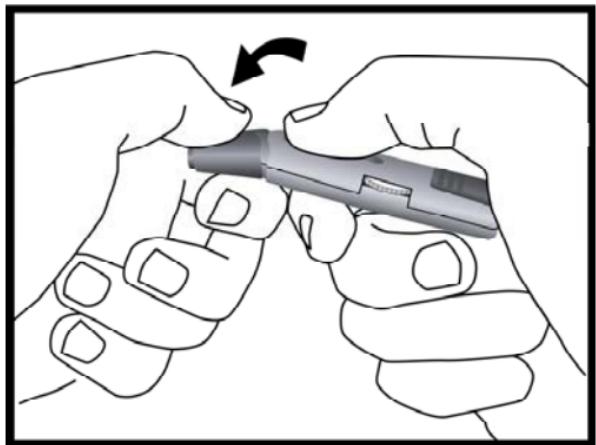
- The best depth setting is the lowest number that draws enough blood for a test. Try different settings to find the one that's right for you.
- Please do not share your lancing device with anyone. And always use a new, sterile lancet. Lancets are for one time use only.

Note:

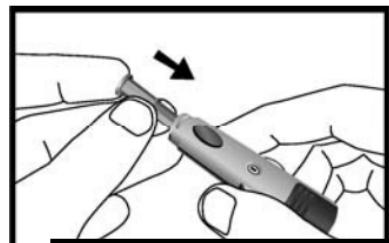
Used test strips and lancets are considered bio-hazardous waste in accordance with U.S. local regulations and should be handled as if capable of transmitting infection. The users may discuss methods for disposing used test strips and lancets with their doctor.

Inserting A Lancet Into The Lancing Device

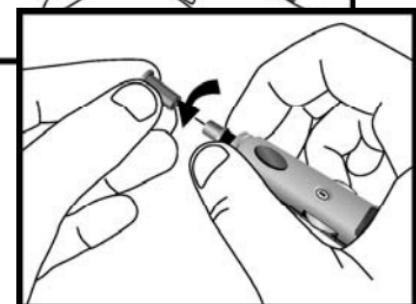
You must first load the lancet into the lancing device to get it ready for use.

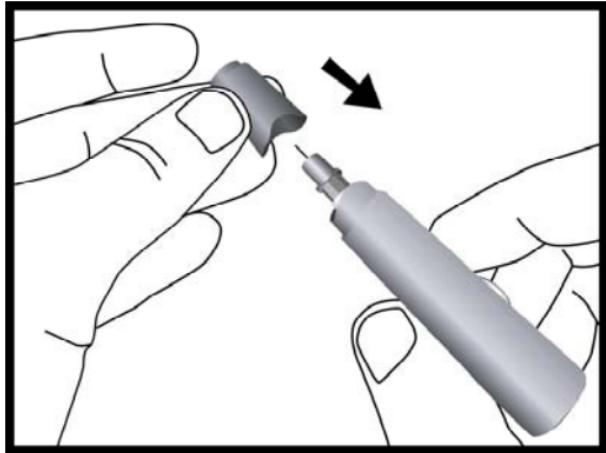


1. Take the cap off.



2. Insert the lancet into the lancing device firmly then twist off the protective cover.





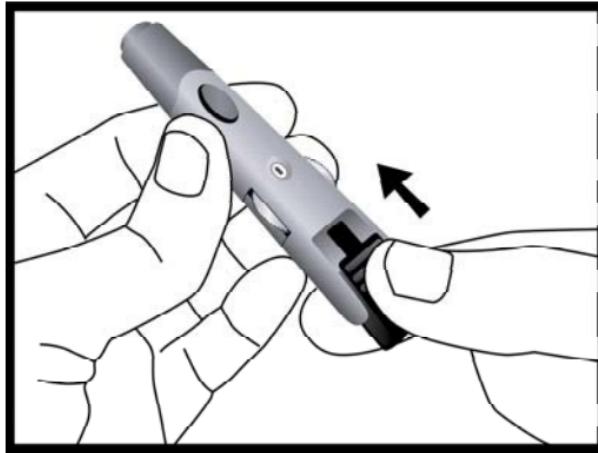
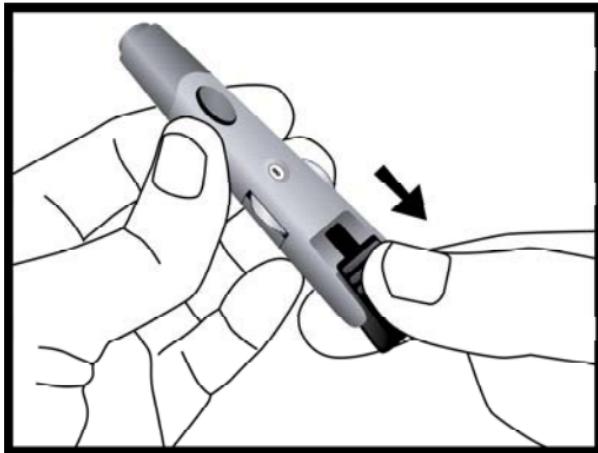
3. Recap the front cap.



4. Select the desired penetration depth.

Note:

Select 1-3 for soft or thin skin, 4-5 for average, and 6-8 for thick or calloused skin.



5. Pull on the sliding barrel of the lancing device until it clicks and then release.
Now the lancing device is ready.
Do not prick your finger until your meter and strip are prepared.

6. Set the lancing device aside until later in the test.

Running A Blood Glucose Test With Blood From Your Fingertip



1. Wash your hands with soap and warm water.
Rinse and dry thoroughly.



2. Put a test strip into the meter in the direction of the arrow.
The meter turns on.
Make sure the code number on the display matches the code number on the test strip bottle.



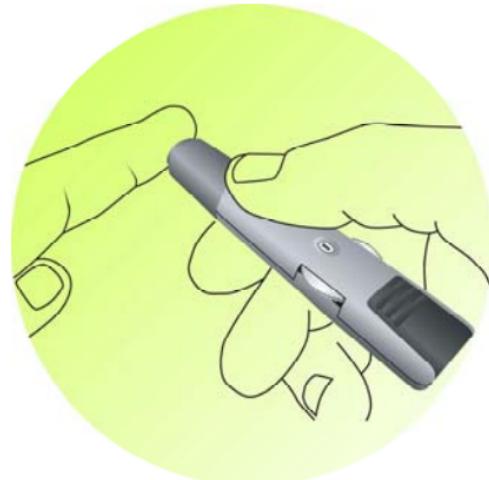
3. If you miss seeing the code number, take the test strip out and reinsert it into the meter.
After the display shows the code number, you will see the screen shown above.



4. Swab the blood collection area on your finger with an alcohol swab.

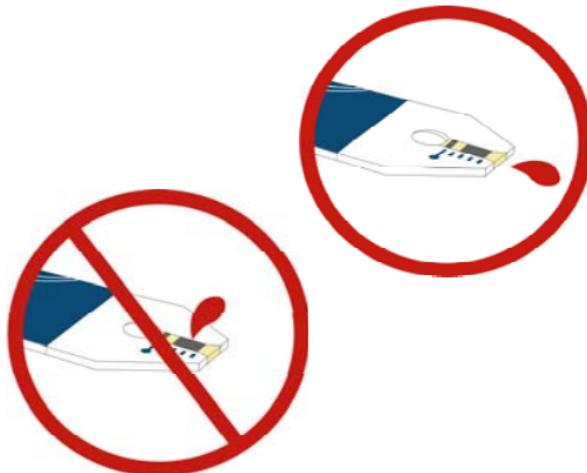
Please wait at least 5 seconds until the intended area is dry and clean before sampling the blood.

5. When the blood drop flashes on the display, obtain a drop of blood from your fingertip.



6. Place the lancing device against the pad of your finger.

Press the trigger button to activate the lancing device.



7. Gently squeeze your finger to assist the flow of blood. This helps you get a blood drop. Touch the drop to the tip of the transparent window of the test strip.

Do not put blood on top of the strip.
Be sure to get enough blood on the strip's reaction zone.
Otherwise, an inaccurate reading may result.



8. The meter will beep when enough blood has entered the strip's reaction zone. The result will appear on the display after 5 seconds.

Alternative Site Testing (AST)

Understanding Alternative Site Testing

What is AST?

Besides the fingertip, you can test the palm and forearm.

What is the advantage of AST?

You have the option of testing other places on your body besides the fingertip.

Alternative site results may differ from the fingertip when glucose levels are changing rapidly (e.g. after a meal, taking insulin, or during or after exercise). Please read the following information before you test other places.

What to do:

Palm and Forearm test:

- In a pre-meal or fasting state (More than two hours since the last meal)
- Two hours or more after taking insulin
- Two hours or more after exercise

Fingertip test only:

- If sick
- If blood glucose is low
- After exercising
- Two hours or less after eating
- When basal insulin is most active
- After injecting rapid-acting insulin (two hours or less)

What NOT to do:

- If the blood glucose test result does not match how you feel, do a fingertip test to confirm the result again.
- Do NOT change your treatment just because of a result.
- If you often do not notice when your blood glucose is low, do a fingertip test.

Caution:

- Talk with your healthcare professional before you test palm or forearm.
- Do NOT ignore symptoms of high or low blood glucose.
- Fingertip samples are able to show the rapid change of glucose faster than palm or forearm samples.

Running A Blood Glucose Test With Blood From Your Palm

Note:

- The gray cap is for fingertip testing only.
- The clear cap is for palm or forearm testing only.



1. This picture shows areas where alternative site testing is allowed.

2. Massage the puncture area of palm for a few seconds.



3. Press and hold the device with one clear adjustable tip against the palm.



4. Press the trigger button to activate the lancing device.



5. Hold the device against palm and increase pressure until the blood sample size is sufficient

Running A Blood Glucose Test With Blood From Your Forearm



1. Massage the puncture area of forearm for a few seconds.

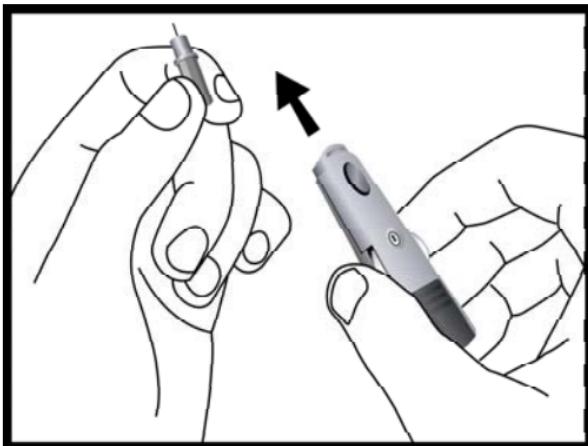


2. Press and hold the device with one clear adjustable tip against the forearm.

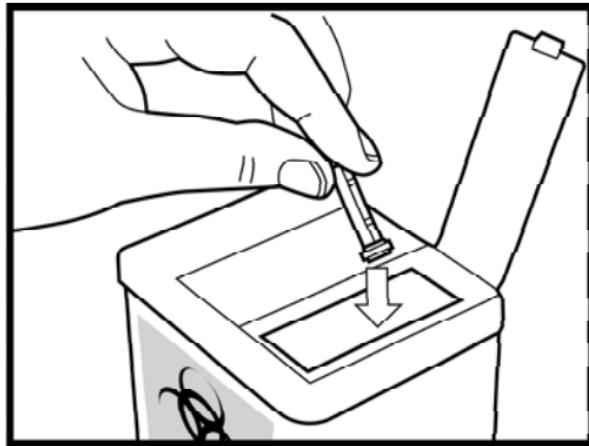


3. Press the trigger button to activate the lancing device. Hold the device against forearm and increase pressure until the blood sample size is sufficient

Discarding Used Lancets



1. Unscrew and remove the adjustable cap.
Without touching the used lancet, stick the lancet tip into its protective cover.
Grip the lancet carrier firmly and pull the lancet safely out.



2. Discard the used disposable lancet into a container for sharp or biohazard material.

Expected Values*

The EasyPlus mini Blood Glucose test strips are whole-blood referenced and calibrated for easier comparison to lab results. The normal fasting blood glucose range for an adult without diabetes is 70~110 mg/dL. Two hours after meals, the blood glucose range for an adult without diabetes is less than 140 mg/dL. For people with diabetes: please consult your doctor for the blood glucose range appropriate for you.

Unusual Test Results

If your test result doesn't match the way you feel, please follow these steps:

1. Run a control test, Chapter 2, "Control Solution Testing."
2. Repeat a blood glucose test, Chapter 3, "Testing Your Blood glucose."
3. If your test results still don't reflect the way you feel, call your doctor immediately.

Note:

1. **Extremely high humidity may affect the test results. A relative humidity greater than 90% may cause inaccurate results.**
2. **Hematocrit below 30% may cause higher results. Hematocrit above 55% may cause lower results.**
3. **Some studies have shown that electromagnetic fields may affect results. Do not test near an operating microwave oven.**

* American Diabetes Associations: Standards of Medical Care for Patients with Diabetes Mellitus, Diabetes Care, 25(2002), p.S37.

Symptoms Of High Or Low Blood Glucose

Being aware of the symptoms of high or low blood glucose can help you understand your test results and decide what to do if they seem unusual. Here are the most common symptoms:

Greater than 240 mg/dL

What It Means:

The test result is higher than reference range.
(70~110mg/dL)

Symptoms:

fatigue, increased appetite or thirst, frequent urination, blurred vision, headache, general aching, or vomiting.

What to Do:

- If you are experiencing any of these symptoms, test your blood glucose.
- If the result displayed is greater than 240 mg/dL and you have symptoms of high blood glucose, contact your healthcare professional instantly.
- If the result does not match how you feel, follow the steps under "Unusual Test Results."

Below 60 mg/dL

What It Means:

The test result is lower than reference range.
(70~110mg/dL)

Symptoms:

sweating, trembling, blurred vision, rapid heartbeat, tingling, or numbness around mouth or fingertips.

What to Do:

- If you are experiencing any of these symptoms, test your blood glucose.
- If the result displayed is below 60 mg/dL and you have symptoms of low blood glucose, contact your healthcare professional instantly.
- If the result does not match how you feel, follow the steps under "Unusual Test Results."

Comparing Your Meter Result To A Lab Result

A common question is how the blood glucose results on your meter compare to the lab results. Your blood glucose can change quickly, especially after eating, taking medication, or exercising. If you test yourself in the morning, then go to the doctor's office for a blood glucose test. The results will probably not match, even if you are fasting. This is typically not a problem with your meter, it just means that time has elapsed and your blood glucose has changed.

If you want to compare your meter result to the lab result, you must be fasting. Bring your meter to the doctor's office, and test yourself by fingertip within five minutes of having blood drawn from your arm by a healthcare professional. Keep in mind that the lab could use different technology than EasyPlus mini blood glucose meter, and that blood glucose meters for self testing generally read somewhat lower or higher than the lab result.

For accuracy and precision data and for important information on limitations, see the instructions that come with your test strips.

Chapter 4: Meter Memory, Setup

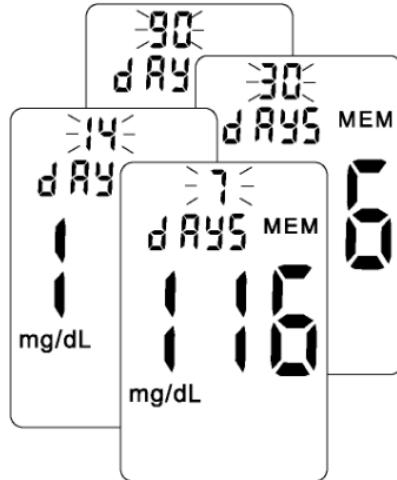
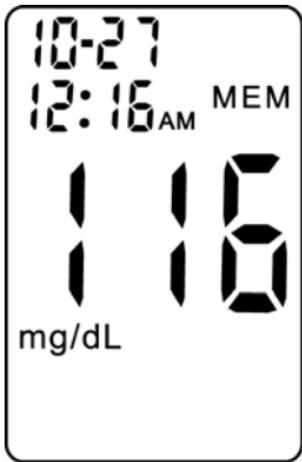
Memory, Storing Test Results

Your meter stores a maximum of 480 test results with the time and date of the test. You can review them at any time. When the memory is full, the oldest result is dropped as the newest is added, so it is very important to have the correct time and date set in the meter.

Note:

- 1. Do not change your therapy based on one individual result in memory.**
- 2. The memory is not lost when you replace the battery. You do need to check that the time and date are still correct. See the section "Setting the time and date" in Chapter 1.**
- 3. Once 480 results are in memory, adding a new result causes the oldest one to be deleted.**
- 4. Control Solution values will be included in the memory and averages. Refer to the section "Viewing & Deleting Test Results" to delete the control solution values before averaging your test results.**

Viewing & Deleting Test Results



1. Press inwards and hold the wheel until turning the meter on.
2. Push the wheel up or down to view the previous results in order from the latest to the earliest.
3. To delete a test result, Press inwards and hold the wheel for more than 3 seconds. The display will show "dEL".
4. Continue pressing the wheel without releasing, the currently viewed result will be erased.
5. Press inwards and release to review the average results.
6. Push the wheel up or down to view averages for 7, 14, 30 or 90 days.
7. Press inwards to close the memory mode.

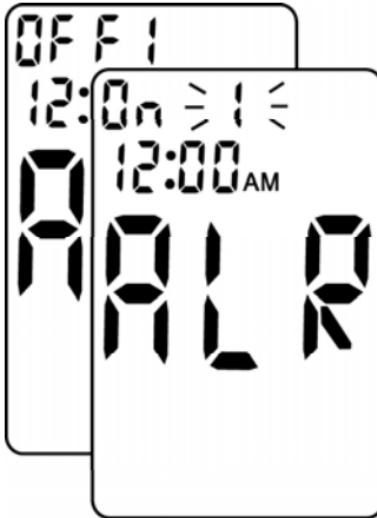
Setting The Alarm

The meter can set up to 4 alarms, allowing you to control your test times according to your requirements.

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1. Press inwards and hold the wheel until turning the meter on.
2. Press inwards twice and the display will show above.



3. Push the wheel down to choose alarms 1-4. Press inwards to confirm the setting.



4. Push the wheel up or down to choose "On" and press inwards to confirm the setting. The colon will then flash. Push the wheel up or down to adjust the time. (AM / PM, 24-hour clock) Press inwards to confirm the setting.



5. If the time is set at 12:00 AM, push up or down twelve times to set at "12". Press inwards to confirm.



6. The minute flashes. Push the wheel up or down to adjust the minutes, and press inwards to confirm the setting.



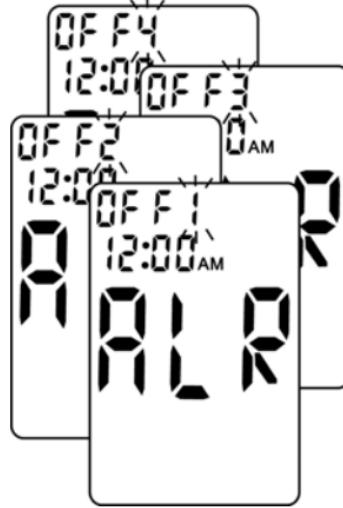
7. If you don't want to turn on the alarm at all, turn every alarm "OFF" at the upper left corner of the display. Press inwards to confirm the setting.



8. You can then set up other alarms fitting as wanted. Please repeat the step 1 to 7, and finally press inwards to confirm the setting.



9. If you turn the alarm OFF, press inwards to confirm the setting and then enter the next setting mode.



10. If you don't want to turn any alarms On, make sure all are set to OFF at the upper left corner and then press inwards to enter the setting mode of testing your blood glucose.

Note:

1. The alarm setting is still working, when the meter turns off.
2. Press the wheel inwards to stop the alarm.

Chapter 5: Maintenance and Troubleshooting

Installing Batteries



The meter uses two alkaline 1.5V (AAA) batteries. Batteries will normally last for over 2000 tests. Other types of 1.5V (AAA) batteries are also acceptable, yet the capacity of test times may differ. Install the batteries when you first use the meter or replace with new batteries when the "LP" message and the low battery symbol appear on the display.

The display will show "no CODE" the first time batteries are installed. Please code your meter correctly.

← Low battery symbol

Note:

1. The meter won't delete earlier records after you replace batteries.
2. You should reset the time and date again after you replace the batteries.
3. 1.5V (AAA) x 2 batteries are available in shops. You may take the old batteries with you for replacement.
4. Remove batteries when you will not be using the meter for one month or more.

Cleaning Your Meter

Caring for your EasyPlus mini SMBG system does not require special cleaning. Please keep the meter free of dirt, dust, bloodstain, and water stains. Follow these guidelines carefully to help you get the best performance possible:

Do:

- Make sure the meter is turned off.
- Gently wipe the meter's surface with a soft cloth slightly dampened.

Do Not:

- Get any moisture in the test strip slot.
- Spray any cleaning solution directly onto the meter.
- Put the meter under water or liquid.
- Pour liquid into the meter.

Maintenance And Testing



Your meter needs little or no maintenance with normal use. It automatically tests its own systems every time you turn it on and lets you know if something is wrong. (See "Screen Messages" and what to do about them.)

To make sure the display is working properly, turn off the meter. Press and hold the Jog Wheel to see the complete display. All the indicators should be clear and look exactly like the picture to the left. If not, call the Customer Care Service Center toll-free: 1-866-203-2761.

Cleaning Your Lancing Device

- To clean the lancing device, wipe it with a soft cloth dampened with water and mild detergent.
DO NOT place the entire device under water.
- To disinfect the cap after cleaning, place it in 70%~75% rubbing alcohol for 10 minutes at least once a week. Allow the cap to air-dry after disinfecting.

Screen Messages And Troubleshooting

Never make treatment decisions based on an error message. If you have any concerns, call our **Customer Service Toll-Free: 1-866-203-2761**



Code transmission failure

Action: Re-insert the code card. If "FAL" appears consistently, please call Customer Service toll-free **1-866-203-2761**.



Humidified / Used strips

Action: Replace with a new strip.



Low power

Action: Replace with new batteries.



System fault

Action: Replace the batteries first. If 001 ERROR appears again, please call Customer Service toll-free **1-866-203-2761**.



System fault

Action: Replace the batteries first. If 005 appears again, please call Customer Service toll-free **1-866-203-2761**.



The "Ht" and thermometer icon appears. Temperature is too high, outside the required range of 50°F ~104°F (10°C ~40°C). This alerts users that an incorrect result may occur if the test continues.

Action: Relocate the meter to a location with temperature between 50°F ~104°F (10°C ~40°C).



The "Lt" and thermometer icon appears. Temperature is too low, outside the required range of 50°F ~104°F (10°C ~40°C). This alerts users that an incorrect result may occur if the test continues.

Action: Relocate the meter to a location with temperature between 50°F ~104°F (10°C ~40°C).



Test result is higher than 600 mg/dL.

Action: Test again. If the result is still the same, please contact your healthcare professional.



The test result is lower than 20 mg/dL.

Action: Test again. If the result is still the same, please contact your healthcare professional.



First time installing of batteries and the meter has not yet been coded.

Action: Code your meter.

Chapter 6: Technical Information

Specifications

Brand name	EasyPlus mini Blood Glucose Meter
Range	20~600 mg/dL
Response time	5 seconds
Memory sets	480 test results
Operating condition	Temp. 50°F ~104°F (10°C ~40°C)
	Relative Humidity R.H. \leq 90%
Blood sample	\geq 0.6 μ L
	Fresh blood from fingertip, palm or forearm
Hematocrit (Hct)	30~55%
Power	2 Alkaline 1.5V (AAA)
Battery life	Over 2000 tests
Display dimension	2.0 x 1.3 (inches)
Device dimension H x W x D	3.5 x 2.1 x 0.9 (inches)
Weight	2.05 oz. w/o batteries
Principles	Electrochemical biosensor technology

Limitation

The test strips are used for fresh capillary whole blood samples.

1. DO NOT use neonate blood sample.
2. Extreme humidity may affect the results. A relative humidity greater than 90% may cause incorrect results.
3. The system should be used at a temperatures between 50°F and 104°F (10°C and 40°C). Outside this range, the system may get incorrect results.
4. DO NOT reuse the test strips. The test strips are for single use only.
5. Hematocrit: The hematocrits between 30% and 55% will not significantly affect the results. Hematocrit below 30% may cause higher results. Hematocrit above 55% may cause lower results. If you do not know your hematocrit level, please consult with your healthcare professional.
6. Altitude up to 6562 feet above sea level has no effect on readings.

Healthcare Professionals – Please note these additional Limitations

7. Patients undergoing oxygen therapy may have inaccurate results.
8. If the patient has the following conditions, the result may fails:
 - ◆ Severe dehydration
 - ◆ Severe hypotension (low blood pressure)
 - ◆ Shock
 - ◆ A state of hypoglycemic-hyperosmolar state (with or without ketosis)
9. Lipemic samples: Cholesterol level up to 500 mg/dL and triglycerides up to 3,000 mg/dL do not affect the results. Grossly lipemic patient samples have not been tested and are not recommended for testing with EasyPlus mini Glucose Meter.

10. Critically ill patients should not be tested with home-use blood glucose meters.

11. Interfering Substances depend on the concentration. The below substances may affect the test results.

- ◆ Acetaminophen \geq 15 mg/dL
- ◆ Gentisic Acid \geq 8 mg/dL
- ◆ Levodopa \geq 10 mg/dL
- ◆ Dopamine \geq 13 mg/dL
- ◆ Metyldopa \geq 2.5 mg/dL
- ◆ Uric Acid $>$ 14 mg/dL
- ◆ Ascorbic Acid $>$ 3 mg/dL

Device Information

EasyPlus mini SMBG System,
EasyPlus mini Blood Glucose Test Strips,
EasyPlus mini Blood Glucose Meter.

Manufacturer:

EPS BIO TECHNOLOGY CORP.

2F, No.49-2, Lane 2, Guang-Fu Rd., Sec. 2, Hsinchu City, Taiwan 300

TEL : +886-3-5752522 FAX : +886-3-5752552

E-mail : info@epsbio.com.tw Website : <http://www.epsbio.com.tw>

Lancing Device

Meets the requirements of MDD 93/42/EEC

Manufacturer:

STAT MEDICAL DEVICES INC.

1835 N.E. 146th Street, North Miami, FL33181, USA

TEL : (001) 305-945-0011 FAX : (001) 305-949-7370

E-mail : stat@statdevices.com

Lancet

Meets the requirements of MDD 93/42/EEC

Manufacturer:

SAE HAN MEDICAL CORP.

700-113 PUB GOT-DONG, IL SAN-GU, GOYANG-CITY, KYUNGGI-DO, KOREA

TEL : 82-31-923-4330 FAX : 82-31-923-4331

E-mail : sae han@sae hanmed.com

Additional Supplies

EasyPlus mini Glucose Normal Control Solution

Warranty

EPS warrants the original purchaser for a period of 5 years from the date of purchase. This means during the warranty period if your Self-Monitoring Blood Glucose System does not work for any reason (other than obvious abuse), EPS will replace it with a new system or an equivalent product free of charge.